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EFS ID: 52369
Application ID: 10634577
Title of Invention: MAGNETORHEOLOGICAL FLUID
CONTROLLED MUD PULSER
First Named Inventor: Michael Fripp
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-08-05
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Confirmation number: 6984
Attorney Docket Number: 139141100




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Office,ou=Department of Commerce,o=U.S. Government,c=US
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Electronic Version v1.1


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Title of Invention	MAGNETORHEOLOGICAL FLUID CONTROLLED MUD PULSER									
Application Number: 10/634577 										
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Electronic Version v18
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<p>Application Number: 10/634577 </p> <p>Confirmation Number: 6984</p> <p>First Named Applicant: Michael Fripp</p> <p>Attorney Docket Number: 139141100</p> <p>Art Unit: 3745</p> <p>Search string: (4785300 or 5040155 or 5073877 or 5115415 or 5586084 or 5636178 or 5787052 or 6219301 or 6257356 or 6421298 or 6469367 or 20030019622).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4785300</td><td>1988-11-15</td><td>Chin et al</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5040155</td><td>1991-08-13</td><td>Feld</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>5073877</td><td>1991-12-17</td><td>Jeter</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5115415</td><td>1992-05-19</td><td>Mumby et al</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5586084</td><td>1996-12-17</td><td>Barron et al</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5636178</td><td>1997-06-03</td><td>Ritter</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5787052</td><td>1998-07-28</td><td>Gardner et al</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>6219301</td><td>2001-04-17</td><td>Moriarty</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>6257356</td><td>2001-07-10</td><td>Wassell</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>6421298</td><td>2002-07-16</td><td>Beattie et al</td><td></td><td></td><td></td></tr><tr><td></td><td>11</td><td>6469367</td><td>2002-10-22</td><td>Kondo et al</td><td></td><td></td><td></td></tr></tbody></table> <p>US Published Applications</p> <p>Note: Applicant is not required to submit a paper copy of cited US Published Applications</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Pub. No.</th><th>Date</th><th>Applicant</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	4785300	1988-11-15	Chin et al					2	5040155	1991-08-13	Feld					3	5073877	1991-12-17	Jeter					4	5115415	1992-05-19	Mumby et al					5	5586084	1996-12-17	Barron et al					6	5636178	1997-06-03	Ritter					7	5787052	1998-07-28	Gardner et al					8	6219301	2001-04-17	Moriarty					9	6257356	2001-07-10	Wassell					10	6421298	2002-07-16	Beattie et al					11	6469367	2002-10-22	Kondo et al				init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
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